

Title (en)
DEVICE AND METHOD FOR A FLUID-TIGHT CONNECTION

Title (de)
VORRICHTUNG UND VERFAHREN FÜR EINE FLÜSSIGKEITSDICHTE VERBINDUNG

Title (fr)
DISPOSITIF ET APPAREIL POUR CONNEXION ETANCHE

Publication
EP 1856434 A4 20120711 (EN)

Application
EP 06736299 A 20060224

Priority
• US 2006006957 W 20060224
• US 65624205 P 20050225

Abstract (en)
[origin: WO2006091952A1] A device for connecting a fluid conduit to an orifice of a vessel includes a flexible fitting, a deformable fitting, and one or more compression fittings. The flexible fitting can fix a position of the fluid conduit with respect to the orifice of the vessel, and the deformable fitting can provide a fluid seal between the fluid conduit and the orifice of the vessel. A method for connecting a fluid conduit to an orifice of a vessel includes urging a deformable fitting against both a surface of the fluid conduit and the orifice, urging a flexible fitting toward a surface of the fluid conduit, and attaching the flexible fitting to the orifice.

IPC 8 full level
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A61M 39/12 (2013.01 - EP US); **F16L 15/001** (2013.01 - EP US); **F16L 15/006** (2013.01 - EP US); **F16L 19/063** (2013.01 - EP US); **F16L 37/02** (2013.01 - EP US); **F16L 37/122** (2013.01 - EP US); **G01N 30/6026** (2013.01 - EP US)

Citation (search report)
• [X1] US 3232648 A 19660201 - FRANCK GEORGE E
• [X1] US 5169120 A 19921208 - GUTHRIE JR JAMES W [US], et al
• [X1] WO 2004105856 A1 20041209 - MIXPAC SYSTEMS AG [CH], et al
• [X1] WO 2004025162 A2 20040325 - WATERS INVESTMENTS LTD [US], et al
• [X1] US 5156423 A 19921020 - GIFFORD CHARLES A [US]
• See references of WO 2006091952A1

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WO 2006091952 A1 20060831; EP 1856434 A1 20071121; EP 1856434 A4 20120711; JP 2008532015 A 20080814; JP 5148293 B2 20130220; US 2008309076 A1 20081218

DOCDB simple family (application)
US 2006006957 W 20060224; EP 06736299 A 20060224; JP 2007557226 A 20060224; US 81629506 A 20060224